

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (currently amended) A magnet assembly comprising a magnet composed of a plurality of segments, each segment having a magnetization direction that optimizes the magnetic field in a selected direction at an operating point in front of the assembly and so that the pivoting of the magnet about an axis behind the magnet through an [[arch]] arc of less than 90° causes the magnetic field direction at the operating point to vary by 180°.

2. (currently amended) A magnet assembly comprising a magnet mounted for pivoting about a first axis spaced from the magnet, and rotating about a second axis that is perpendicular to and intersects with the first axis, the magnet comprising a plurality of segments, each segment having a magnetization direction so that the pivoting of the magnet about the first axis through an arc of less than 90° causes the magnetic field direction created by the magnet at an operating point spaced from the magnet to vary by 180°.

3. (original) A magnet assembly comprising a magnet mounted for pivoting about a first axis spaced from the magnet, and rotating about a second axis that is perpendicular to and intersects with the first axis, the magnet comprising a plurality of segments each with a magnetization direction such that through a combination of pivoting and rotating the magnet projects a magnetic field in any direction at an operating point spaced from the front of the assembly.

4. (currently Amended) The magnet assembly according to claim 3 wherein the operating point is at least 12 inches from the magnet assembly.

5. (currently amended) The magnet assembly according to claim 3 wherein the assembly ~~projects~~ can project a magnetic field at the operating point of at least 0.04T in any direction.

6. (currently amended) The magnet assembly according to claim 3 wherein the assembly ~~projects~~ can project a magnetic field at the operating point of at least 0.1 T in any direction.

7. (original) In combination, first and second magnet assemblies disposed on opposite sides of a patient, each magnet assembly comprising a magnet mounted for pivoting about a first axis spaced from the magnet, and rotating about a second axis that is perpendicular to and intersects with the first axis, the magnet comprising a plurality of segments each with a magnetization direction such that through a combination of pivoting and rotating the magnet projects a magnetic field in any direction at an operating point spaced from the front of the assembly.

8. (cancelled)

9. (cancelled)

10. (cancelled)

11. (new) The magnet assembly according to claim 3 wherein the segments of the magnet are magnetized in directions such that the pivoting of the magnet about the first axis through an arc of less than 90° causes the magnetic field direction created by the magnet at the operating point to vary by 180°.

12. (new) The combination according to claim 7 wherein the segments of each magnet are magnetized in directions such that the pivoting of the magnet about

the first through an arc of less than 90° causes the magnetic field direction created by the magnet at the operating point to vary by 180° .

13. (new) The combination according to claim 7 wherein the operating point is at least 12 inches from the magnet assembly.

14. (new) The combination according to claim 7 wherein each assembly can project a magnetic field at the operating point of at least 0.04T in any direction.

15. (new) The combination according to claim 7 wherein the assemblies together can project a magnetic field at the operating point of at least 0.1 T in any direction.